

BOROUGH OF HYDE.

ches

Annual Report

On the Health and Sanitary
Condition of the Borough of
Hyde for the year 1914
by the Medical Officer of
Health (J. BENNETT).



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Medical Officer's Annual Report

On the Health and Sanitary Condition
of the Borough of Hyde, during the
Year 1914.

To the Chairman and Members of the Sanitary Committee.

Gentlemen,

I have the honour to submit for your consideration my fifteenth annual report on the health and sanitary administration of the Borough of Hyde.

The birth rate continues to fall, being this year the lowest recorded ; the death rate is low, and there is a satisfactory decrease in the infant mortality rate. The number of infectious diseases notified show a large increase on the previous year, chiefly due to the epidemic of scarlet fever which prevailed during the whole year.

POPULATION.

By the addition of the excess of births over deaths for the twelve months ending 30th June, 1914, to the estimated population on 30th June, 1913, the population of the Borough may be estimated as 34,084 on the former date. All the statistics in this report are based on this estimate of the population.

The area of the Borough is 3,072 acres, and the density of the population is 11.09 persons per acre.

BIRTHS.

The District Registrars report 689 births registered in the Borough, and in addition five births belonging to Hyde have been registered in other districts, making the total number of births for the year 694. This gives an annual birth-rate of 20.36 calculated per 1,000 inhabitants. The decrease on last year is 1.04, and the rate is 1.99 below the average of the previous ten years.

ILLEGITIMATE BIRTHS.

Thirty-one births were registered as illegitimate—twenty-two males and nine females. Twenty-nine occurred in Hyde, and two in Newton. This gives an illegitimate birth-rate of .91 per 1,000 of the population, or 4.4 per cent of the births registered.

Table showing the birth-rate in the Borough since 1900 :

| Year. | Birth-rate. | | Year. | Birth-rate. | | Year. | Birth-rate. | | Year. | Birth-rate |
|-------|-------------|-----|-------|-------------|-----|-------|-------------|-----|-------|------------|
| 1900 | 28.21 | ... | 1904 | 24.10 | ... | 1908 | 23.99 | ... | 1912 | 22.91 |
| 1901 | 24.82 | ... | 1905 | 23.35 | ... | 1909 | 20.79 | ... | 1913 | 21.40 |
| 1902 | 25.96 | ... | 1906 | 22.93 | ... | 1910 | 20.75 | ... | 1914 | 20.36 |
| 1903 | 25.61 | ... | 1907 | 21.89 | ... | 1911 | 22.48 | | | |

DEATHS.

The number of deaths registered in the Borough was 452, an increase of ten on 1913; the addition of 84 deaths of residents which were registered in other districts, and the deduction of the deaths of 11 non-residents, which occurred in the Borough, makes the corrected total for the year 525, an increase of 3 on the previous year. This gives an annual death-rate of 15.40 per 1,000 inhabitants, and is practically the same as in 1913. The average death-rate for the previous ten years is 16.11.

Table showing the yearly death rate in the Borough since 1900 :—

| Year. | Death-rate. | | Year. | Death-rate. | | Year. | Death-rate. | | Year. | Death-rate. |
|-------|-------------|-----|-------|-------------|-----|-------|-------------|-----|-------|-------------|
| 1900 | 18.90 | ... | 1904 | 17.07 | ... | 1908 | 15.00 | ... | 1912 | 15.57 |
| 1901 | 18.27 | ... | 1905 | 17.83 | ... | 1909 | 14.62 | ... | 1913 | 15.38 |
| 1902 | 18.60 | ... | 1906 | 15.92 | ... | 1910 | 14.64 | ... | 1914 | 15.40 |
| 1903 | 15.34 | ... | 1907 | 16.27 | ... | 1911 | 18.80 | | | |

The following is a summary of the deaths at various age periods :—

| | | |
|-------------------------------------|-----|--------------------------------------|
| Deaths under 1 year | 85 | } 124 deaths under 5 years. |
| Deaths of 1 year and under 2 years. | 22 | |
| „ „ 2 „ „ 5 „ „ | 17 | |
| „ „ 5 „ „ 15 „ „ | 20 | } 401 deaths of five years and over. |
| „ „ 15 „ „ 25 „ „ | 24 | |
| „ „ 25 „ „ 45 „ „ | 78 | |
| „ „ 45 „ „ 65 „ „ | 122 | |
| „ „ 65 „ „ and over | 157 | |

The largest number of deaths was caused by heart disease (51), bronchitis (46), pulmonary tuberculosis (42), pneumonia (41), wasting diseases (37), and cancer (36).

Table showing the principal death-rates for the last five years :—

| | 1914. | 1913. | 1912. | 1911. | 1910. | Avg. |
|-----------------------------------|-------|-------|-------|-------|-------|------|
| Infantile per 1,000 born | 122·5 | 152 | 112 | 189 | 141 | 143 |
| Respiratory per 1,000 population. | 2·5 | 2·8 | 3·40 | 3·40 | 2·6 | 2·9 |
| Zymotic per 1,000 population | ·90 | ·94 | ·65 | 2·36 | 1·11 | 1·19 |
| Phthisis per 1,000 population | 1·23 | ·70 | ·98 | 1·37 | 1·20 | 1·09 |

INFANT MORTALITY.

The number of deaths of infants under one year of age was 85, which gives an infant mortality rate of 122.5 per 1,000 births. Compared with 1913, the number of deaths is decreased by 25, and with the average of the previous five years, is decreased by 26. The average infant mortality rate for the previous five years is 148.5.

Table showing the cause of death in infants under one year of age, compared with the previous five years.

| Cause of Death. | 1914. | 1913. | 1912. | 1911. | 1910. | 1909. |
|--------------------------|-------|-------|-------|-------|-------|-------|
| Measles... .. | 1 | 1 | 1 | 6 | 3 | 6 |
| Diarrhœa... .. | 7 | 11 | 1 | 37 | 8 | 9 |
| Whooping Cough. ... | 2 | 1 | 7 | 0 | 3 | 0 |
| Pneumonia | 4 | 8 | 13 | 15 | 9 | 15 |
| Bronchitis... .. | 8 | 8 | 6 | 3 | 6 | 7 |
| Tuberculous Diseases ... | 4 | 1 | 1 | 1 | 1 | 3 |
| Wasting Diseases | | | | | | |
| Premature Births ... | 35 | 39 | 21 | 52 | 32 | 52 |
| Convulsions | 9 | 14 | 11 | 0 | 23 | 8 |
| Diphtheria | 0 | 0 | 0 | 0 | 3 | 0 |
| Other Causes | 15 | 29 | 26 | 29 | 14 | 6 |

The infant mortality rate shows a gratifying decrease, and may be attributed to several causes, the most noteworthy being undoubtedly the interest aroused in the subject by the activity of the Ladies' Health Society, and by the visitations of the health visitor during the last six months of the year. The abolition of a large number of open insanitary ashpits. The enforcing of regulations respecting the frequent removal of accumulations of horse manure, and better back-yard sanitation generally, especially in the summer months.

During the year Miss Schofield was appointed health visitor, and she entered on her duties on 22nd June. Her chief duties are the visiting of expectant mothers, and mothers of newly-born infants, and instructing them, when necessary, on the feeding and clothing of infants. She notes the sanitary condition of the house, number of rooms and occupants, the existence of offensive smells and their cause, ventilation, whether dirty from neglect of tenant or landlord. She reports all defects found. During the six months Miss Schofield has paid 1,123 visits to 329 newly-born infants, and has given instruction to the mothers in the most approved methods of feeding and rearing infants.

During the six months since Miss Schofield was appointed 24 children died who were born in the same period. The following table shows the result of enquiries made after death :

| District. | Deaths. | | Sanitary Condition. | | | | Method of Feeding. | | | Employment of Mother. | | | | |
|---------------|---------|---------|----------------------|------------------------|---------|------------------|--------------------|-------|-----|-----------------------|-----|---|-----|----|
| | Male. | Female. | Clean | Dirty. | Breast. | Arti- ficial. | Working out. | Home. | | | | | | |
| | | | or Sani- tary. | or Insani- tary. | | | | | | | | | | |
| Hyde., | 2 | 1 | ... | 2 | ... | 1 | ... | 0 | ... | 3 | ... | 1 | ... | 2 |
| Newton | 9 | 3 | ... | 8 | ... | 4 | ... | 7 | ... | 3 | ... | 1 | ... | 11 |
| Godley | 9 | 0 | ... | 6 | ... | 3 | ... | 4 | ... | 4 | ... | 2 | ... | 7 |

Three of these children were prematurely born, and died before food was administered.

Chiefly owing to the initiative of the Mayor, Mr. Councillor Welch, it was decided to supply dinners to nursing and expectant mothers, and children under school age, whose circumstances prevented them from providing themselves with sufficient nourishment. These dinners were commenced on the 30th November. Until 31st December the number of mothers and children who attended, and dinners supplied, were as follows :—

| | |
|---|------------------------|
| Number of nursing and expectant mothers | 37. |
| Total number of dinners supplied to mothers | 569. |
| Average number of weeks each mother attended. | 3 weeks and 2 days. |
| Number of children under school age | 19. |
| Total number of dinners supplied to children | 286. |
| Nursing mothers supplied with milk | 3. |
| Children supplied with milk | 6. |

ZYMOTIC DISEASES.

The seven principal zymotic diseases caused 31 deaths during the year. This is equal to a death-rate of .90 per 1,000 of the population, as compared with .94 in 1913, and .65 in 1912.

Table showing the number of deaths and death-rate from the principal zymotic diseases, compared with the four previous years :—

| | 1914. | | | 1913. | | | 1912. | | | 1911. | | | 1910. | |
|----------------|---------|------------|-----|---------|-------------|-----|---------|-------------|-----|---------|-------------|-----|---------|-------------|
| Diseases. | Deaths. | Death-rate | | Deaths. | Death-rate. | | Deaths. | Death-rate. | | Deaths. | Death-rate. | | Deaths. | Death-rate. |
| Measles | 3 | ·09 | ... | 4 | ·11 | ... | 1 | ·02 | ... | 13 | ·39 | ... | 18 | ·56 |
| Enteric Fever | 2 | ·06 | ... | 6 | ·17 | ... | 2 | ·05 | ... | 5 | ·15 | ... | 4 | ·11 |
| Diarrhœa ... | 8 | ·23 | ... | 15 | ·44 | ... | 1 | ·02 | ... | 52 | 1·55 | ... | 3 | ·08 |
| Diphtheria ... | 4 | ·11 | ... | 4 | ·11 | ... | 5 | ·15 | ... | 9 | ·27 | ... | 4 | ·11 |
| Scarlet Fever | 12 | ·35 | ... | 0 | 0 | ... | 2 | ·05 | ... | 0 | 0 | ... | 4 | ·11 |
| Whooping | | | | | | | | | | | | | | |
| Cough | 2 | ·06 | ... | 3 | ·09 | ... | 11 | ·32 | ... | 0 | 0 | ... | 7 | ·20 |

Table showing the zymotic death-rate, with the number of deaths from zymotic diseases since 1890, also five yearly averages :—

| Year | Deaths | Zymotic Death-rate | | Year | Deaths | Zymotic Death-rate |
|------|--------|--------------------|--------|------|--------|--------------------|
| 1890 | 81 | 2·53 | } 2·47 | 1905 | 73 | 2·15 |
| 1891 | 49 | 1·51 | | 1906 | 57 | 1·61 |
| 1892 | 36 | 1·17 | | 1907 | 51 | 1·49 |
| 1893 | 145 | 4·66 | | 1908 | 39 | 1·13 |
| 1894 | 34 | 1·08 | | 1909 | 29 | ·83 |
| 1895 | 84 | 2·65 | } 2·97 | 1910 | 40 | 1·11 |
| 1896 | 40 | 1·28 | | 1911 | 79 | 2·36 |
| 1897 | 107 | 3·32 | | 1912 | 22 | ·65 |
| 1898 | 91 | 2·78 | | 1913 | 32 | ·94 |
| 1899 | 159 | 4·83 | | 1914 | 31 | ·90 |
| 1900 | 79 | 2·39 | } 1·93 | | | |
| 1901 | 53 | 1·61 | | | | |
| 1902 | 77 | 2·33 | | | | |
| 1903 | 30 | ·89 | | | | |
| 1904 | 82 | 2·43 | | | | |

DIARRHŒA.

Eight deaths were caused by diarrhœa, seven of which occurred in infants under one year of age. The death-rate from diarrhœa is .23, compared with .44 in 1913, and .02 in 1912.

MEASLES.

Three deaths were registered from measles, giving a death-rate of .09, compared with 4 deaths, and a death-rate of .11 in 1912.

WHOOPING COUGH.

Two deaths were attributed to this cause, with a death-rate of .06 per 1,000, compared with three deaths, and a death-rate of .09 in 1912.

INFECTIOUS DISEASES (NOTIFICATION) ACT.

This Act came into force in the Borough on 1st March, 1890. The following table shows the number of notifications of each disease received during each month of the year under the provisions of the above Act :—

| Disease : | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Total 1914 | Total 1913 | Total 1912 | Total 1911 |
|-------------------------------|------|------|------|-------|-----|------|------|------|-------|------|------|------|---------------|---------------|---------------|---------------|
| Scarlet Fever... | 30 | 34 | 35 | 34 | 29 | 43 | 43 | 44 | 57 | 55 | 41 | 26 | 471 | 95 | 15 | 31 |
| Enteric Fever... | ... | 1 | 2 | ... | 1 | ... | ... | 1 | ... | 3 | ... | ... | 8 | 18 | 9 | 10 |
| Diphtheria | 2 | 3 | 1 | 3 | | 1 | 3 | 1 | 1 | 3 | ... | 5 | 23 | 32 | 30 | 27 |
| Erysipelas | 4 | 4 | 11 | 6 | 7 | 2 | 5 | 4 | 5 | 4 | 9 | 5 | 66 | 64 | 37 | 35 |
| Puerperal Fever | ... | 1 | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | 2 | 3 | 2 | 4 |
| Smallpox | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 |
| Tuberculosis Lungs | 3 | 2 | 6 | 6 | 7 | 4 | 2 | 6 | 7 | 8 | ... | 5 | 56 | ... | ... | ... |
| Tuberculosis Other Forms | ... | 2 | 3 | 1 | ... | 2 | ... | ... | 1 | 1 | ... | 3 | 13 | ... | ... | ... |
| Total | 39 | 47 | 58 | 50 | 44 | 53 | 53 | 56 | 71 | 74 | 50 | 44 | 639 | 212 | 93 | 108 |

Compared with 1913, this table shows an increase of 376 cases of Scarlet Fever, and two of Erysipelas. There is a decrease of ten cases of Enteric Fever, nine of Diphtheria, and one of Puerperal Fever.

Table showing the number of cases of each disease reported from each district :—

| Disease. | Hyde. | Newton. | Godley. |
|---------------------------------|-------|---------|---------|
| Scarlet Fever | 315 | 143 | 13 |
| Enteric | 5 | 3 | 0 |
| Diphtheria... .. | 17 | 6 | 0 |
| Erysipelas | 48 | 16 | 2 |
| Puerperal Fever | 2 | 0 | 0 |
| Pulmonary Tuberculosis... .. | 47 | 8 | 1 |
| Other forms of Tuberculosis ... | 13 | 0 | 0 |

BACTERIOLOGICAL EXAMINATIONS MADE DURING THE YEAR.

The following table shows the number of bacteriological examinations made at the Public Health Laboratory of Manchester University during the year, and the results :—

| Month. | Diphtheria. | | Enteric Fever. | | Human Tuberculosis Sputum. | | Bovine Tuberculosis Milk | |
|------------------|-------------|-----------|----------------|-----------|----------------------------|-----------|--------------------------|-----------|
| | Total. | Positive. | Total. | Positive. | Total. | Positive. | Total. | Positive. |
| January. | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| February | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 |
| March.... | 0 | 0 | 0 | 0 | 3 | 1 | 2 | 0 |
| April.. | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 |
| May | 1 | 0 | 0 | 0 | 2 | 1 | 0 | 0 |
| June | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 |
| July | 1 | 1 | 2 | 0 | 2 | 0 | 0 | 0 |
| August | 0 | 0 | 1 | 1 | 1 | 0 | 2 | 0 |
| September | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| October | 1 | 0 | 2 | 1 | 1 | 1 | 2 | 0 |
| November | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 |
| December | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Total | 6 | 1 | 7 | 3 | 13 | 5 | 6 | 0 |

METHOD OF DEALING WITH INFECTIOUS CASES.

On receipt of a notification the house is immediately visited by the Sanitary Inspector. Inquiries are made as to the origin of infection, the sanitary condition of the premises, and the means available for isolation at home. When isolation at home is impossible or undesirable, the case is removed to the Hospital, and the house and contents are immediately disinfected. When isolation is carried out at home, the house is disinfected as soon as the medical attendant certifies that the patient is free from infection. School children from infected houses are not allowed to attend school until after the lapse of the incubation period, when removal to Hospital has taken place, or until after the recovery of the patient when isolation has been carried out at home.

The Librarian of the Free Library is notified daily of all infected houses.

The following form is used for inquiry into all cases of infectious diseases notified :—

— BOROUGH OF HYDE. —

Sanitary Department.

(Form of Inquiry relating to Infectious Diseases.)

| | | | | | | | |
|---|-----------------------------|------------|---------------------|-----------------------|-----|------------|----------|
| Disease | ... | ... | ... | ... | ... | Date |191 |
| Occupier's Name | ... | ... | ... | ... | ... | | |
| Occupier's Address | ... | ... | ... | ... | ... | | |
| Owner's Name | ... | ... | ... | ... | ... | | |
| Owner's Address | ... | ... | ... | ... | ... | | |
| Patient's Name | ... | ... | ... | ... | ... | Age | ... |
| Patient's School | ... | ... | ... | ... | ... | Last there | ... |
| Patient's Workplace | ... | ... | ... | ... | ... | Last there | ... |
| Date of outset of Symptoms | ... | ... | ... | ... | ... | | |
| Other Members of Family | } | Ages | ... | ... | ... | | |
| | } | Schools | ... | ... | ... | | |
| | } | Workplaces | ... | ... | ... | | |
| Removed to Hospital | ... | ... | ... | ... | ... | | |
| House Disinfected | ... | ... | ... | ... | ... | | |
| Doctor's Name | ... | ... | ... | ... | ... | | |
| Date of Doctor's first visit | ... | ... | ... | ... | ... | | |
| Any Inmates of House gone away | ... | ... | ... | Where | ... | | |
| Business carried on, or work done at home | ... | ... | ... | ... | ... | | |
| Nursed by | ... | ... | ... | Other duties of Nurse | ... | | |
| Milkman's Name | ... | ... | ... | Address | ... | | |
| Rooms occupied by Patient | ... | ... | ... | Condition of | ... | | |
| No. of rooms in house. | Upstairs | ... | Downstairs | ... | ... | | |
| Other sources of infection, i.e., visitors, shellfish, visiting ice cream, etc. | ... | ... | ... | ... | ... | | |
| Drainage. | Cellar | ... | Sink | ... | ... | | |
| | Bath, etc. | ... | W.C. | ... | ... | | |
| | Yard Drains | ... | Rain water | ... | ... | | |
| | Ventilation of House Drains | ... | ... | ... | ... | | |
| | Main Sewer. | Situation | ... | Ventilation | ... | | |
| Privy. | Kind | ... | Distance from House | ... | ... | | |
| | Last emptied | ... | Condition | ... | ... | | |
| | Ashpit | ... | ... | ... | ... | | |
| Nuisances. | State of Back Yard | ... | ... | ... | ... | | |
| | State of Passages | ... | ... | ... | ... | | |
| | Accumulations | ... | ... | ... | ... | | |
| | Animals kept | ... | ... | ... | ... | | |
| Books from Library | ... | ... | ... | ... | ... | | |
| Remarks | ... | ... | ... | ... | ... | | |

Case mortality of notifiable diseases, compared with the five previous years :—

| Disease. | No. Noti- fied. | Deaths. | Mortality per cent. | | | | | |
|---------------------|-----------------------|---------|---------------------|-------|-------|-------|-------|-------|
| | | | 1914. | 1913. | 1912. | 1911. | 1910. | 1909. |
| Scarlet Fever . . . | 471 | 12 | 2·5 | Nil | 13·3 | Nil | 12·5 | 1·4 |
| Enteric „ | 8 | 2 | 25 | 33·3 | 22·2 | 50 | 26·6 | 45·4 |
| Erysipelas | 66 | 1 | 1·5 | 1·5 | Nil | 5·7 | 2·6 | 2·2 |
| Puerperal Fever... | 2 | 1 | 50 | 66·6 | 100 | 25 | 66·6 | Nil |

SCARLET FEVER.

Twelve deaths were caused by scarlet fever during the year. This disease assumed epidemic proportions during the whole period, most of the cases being of a mild type. Of the 471 cases notified, 445 were isolated in hospital. The schools were kept under observation, and periodically disinfected. Three children were found attending school whilst suffering from the disease, one at Flowery Field and two at Gee Cross Council School. No school had an undue proportion of cases.

ENTERIC FEVER.

There were two deaths from enteric fever during the year, giving a death-rate of .06 per 1,000, compared with .17 in 1913. Of the eight cases notified, six were isolated in hospital. No source of origin could be traced in any of the cases. Seven specimens of blood were sent to the Manchester University Public Health Laboratory for bacteriological examination, the result being positive in three cases. Pails with air-tight covers, for the reception and removal of typhoid excreta, are supplied to houses which are not on the water carriage system.

DIPHTHERIA.

Four deaths were registered from this cause, giving a death-rate of .11 per 1,000 of the population. The number of deaths and death-rate were similar in 1913. Twenty-three cases were notified, seven of which were isolated in hospital. Swabs were taken in six cases for bacteriological examination, one only giving a positive result. Antitoxin is supplied free of cost, for use in the Borough.

PHTHISIS AND OTHER TUBERCULOUS DISEASES.

There were 42 deaths from pulmonary tuberculosis, and 15 from other forms of tuberculous diseases during the year. The phthisis death-rate is equal to 1.2 per 1,000, and that from

other forms of tuberculous disease to .44. Fifty-six cases of pulmonary tuberculosis, and 13 of other forms of tuberculosis, were notified. All cases notified have been visited, and instructions given for the prevention of the spread of infection. A copy of the leaflet printed below has been given to each occupier,

INSTRUCTIONS TO PERSONS SUFFERING FROM — C O N S U M P T I O N . —

Consumption is an Infectious Disease which is communicated in the following way :—

The infection is contained in the spit, or expectoration, of a patient suffering from the disease. The expectoration is deposited on floors, walls, clothes, handkerchiefs, etc., where it dries and gets mixed with dust, and is blown about in the air. This infected dust is inhaled by healthy persons, and produces Consumption in their lungs.

The following precautions should therefore be taken by Persons suffering from Consumption, to prevent the infection of others.

They should not spit on the floor or walls of any living-room, workshop, railway carriage, or in any place where people assemble. At home they should spit in a piece of paper or rag, and immediately throw this into the fire. A cup containing water may be used, which should be frequently emptied into the drains outside the house, and before being used again the cup should be thoroughly cleansed with boiling water.

When away from home a pocket spittoon, with a tight-fitting cover, should be used, or the expectoration deposited in pieces of tissue paper, rolled up and burned before the spit becomes dry.

All eating utensils should be thoroughly washed in boiling water before being used by another person.

Persons suffering from Consumption should not kiss on the lips.

Rooms occupied by consumptive persons should be kept thoroughly clean, and as much fresh air and light admitted to them as possible.

Clothes soiled with expectoration should be washed and boiled.

As soon as it becomes known that a person is suffering from Consumption, the rooms occupied by the patient should be thoroughly disinfected. This will be done free of cost, or, if the householder desires to do the work himself, directions will be given. When once the rooms have been thoroughly disinfected and cleaned, it is easy to keep them so by washing the floors frequently with soap and water, and dusting them every day with a wet duster, so as to prevent infectious dust being scattered about the room.

The walls of a room occupied by a consumptive patient should be rubbed down with dough every three months.

A consumptive patient and his clothes should be kept scrupulously clean.

The commonest conditions which render persons liable to contract Consumption are overcrowding, damp rooms, want of fresh air and ventilation, and want of light, therefore all these conditions should be avoided as far as possible.

A consumptive person leaving a house should notify the fact to the Medical Officer of Health, so that it may be disinfected before being occupied by another tenant.

J. B E N N E T T,

Medical Officer of Health.

ACUTE RESPIRATORY DISEASES.

Eighty-seven deaths were registered during the year from acute diseases of the lungs, viz., 46 from bronchitis, and 41 from pneumonia. In 1913 there were 98 deaths from respiratory diseases. The acute respiratory death-rate is equal to 2.5 per 1,000. Twelve of these deaths occurred in children under one year of age, and in 34 instances the age was over 65.

CORONERS' INQUESTS.

Thirty-three deaths were investigated by the Coroner, making over 6 per cent of the total deaths for the year.

The following verdicts were returned :—

| Verdict. | Number. |
|--|---------|
| Accidental... .. | 8 |
| Convulsions | 6 |
| Drowning... .. | 5 |
| Heart Disease | 4 |
| Senile Decay... .. | 3 |
| Suffocation, | 2 |
| Overlain... .. | 1 |
| Suicide | 1 |
| Shock due to Burns... .. | 1 |
| Pneumonia following Miscarriage | 1 |
| Natural Causes | 1 |

ISOLATION HOSPITAL.

Four hundred and fifty-eight cases of infectious diseases belonging to the Borough have been isolated and treated in the Hyde Isolation Hospital during the year. 445 Of these cases were scarlet fever, seven diphtheria, and six enteric fever.

Table showing the number of cases of each disease belonging to the Borough, which were treated in the hospital, the number of deaths, and the percentage mortality for each disease :—

| Disease. | Cases. | Deaths. | Mortality per cent. | | Mortality per cent. | | Mortality per cent. | | Mortality per cent. | |
|---------------------|--------|---------|---------------------|-------|---------------------|-------|---------------------|-------|---------------------|-------|
| | | | 1914. | 1913. | 1912. | 1911. | 1914. | 1913. | 1912. | 1911. |
| Scarlet Fever . . . | 445 | 9 | 2.02 | Nil | 14.3 | Nil | 2.02 | Nil | 14.3 | Nil |
| Enteric Fever .. . | 6 | 1 | 16.6 | 33.3 | 20.0 | 66.6 | 16.6 | 33.3 | 20.0 | 66.6 |
| Diphtheria.. . . . | 7 | 0 | Nil | 18.1 | 11.1 | 16.6 | Nil | 18.1 | 11.1 | 16.6 |

Table showing the total number of cases of each disease treated in the hospital, and the percentage mortality for each disease compared with the previous three years :—

| Disease. | Cases. | Deaths | Mortality per cent. | Mortality per cent. | Mortality per cent. | Mortality per cent. |
|----------------------|--------|--------|---------------------|---------------------|---------------------|---------------------|
| | 1914. | 1914. | 1914. | 1913. | 1912. | 1911. |
| Scarlet Fever | 540 | 16 | 2·9 | Nil | 6·8 | Nil |
| Enteric Fever | 10 | 2 | 20 | 25 | 23·07 | 40 |
| Diphtheria | 13 | 1 | 7·7 | 15·8 | 10·7 | 25 |
| Isolation | 1 | 0 | Nil | Nil | Nil | Nil |

Cases received in Hospital from outside districts :—

| District. | Scarlet Fever. | Enteric Fever. | Diphtheria. | Isolation. |
|---------------------------|----------------|----------------|-------------|------------|
| Denton... .. | 37 | 0 | 0 | 0 |
| Droylsden... .. | 17 | 2 | 0 | 1 |
| Bredbury and Romiley ... | 16 | 1 | 0 | 0 |
| Audenshaw | 5 | 0 | 0 | 0 |
| Hazel Grove | 4 | 0 | 1 | 0 |
| Disley | 3 | 0 | 3 | 0 |
| Compstall... .. | 2 | 1 | 1 | 0 |
| Dukinfield | 3 | 0 | 1 | 0 |
| Marple... .. | 3 | 0 | 0 | 0 |
| Whaley Bridge | 2 | 0 | 0 | 0 |
| Ashton-under-Lyne. | 3 | 0 | 0 | 0 |

OFFENSIVE TRADES.

There is one offensive trade carried on in the Borough, viz.: tripe boiling. Seven establishments carry on this trade. They have been regularly inspected during the year, and have been found clean, and kept according to the bye-laws. No complaints have been received as to nuisances arising from any of them.

DAIRIES, COWSHEDS, AND MILKSHOPS' ORDER.

This order came into force on 2nd October, 1899. There are 45 persons registered as cowkeepers, and 18 registered milkshops. 103 Visits of inspection have been paid to the cowsheds, and 48 visits to the milkshops during the year. 23 Notices have ben served for non-compliance with the regulations.

SLAUGHTER-HOUSES.

There are 24 registered slaughter-houses, all of which have been regularly visited whilst slaughtering was going on. They have been kept according to the bye-laws.

COMMON LODGING-HOUSES.

There are three common lodging-houses, which provide accommodation for 88 lodgers. The structural arrangements of these houses are imperfect ; they are difficult to keep clean, and are badly vantilated.

WATER SUPPLY.

The water supply is obtained from the reservoirs of the Manchester Corporation, situated at Woodhead. The supply for trade purposes is obtained from the reservoirs belonging to the Corporation, situated at Gee Cross.

UNSOUND MEAT.

No unsound meat was discovered for sale during the year. The amount of unsound meat discovered during slaughtering, or voluntarily reported by the owners, was 6 cwt. 3 qrs., which was seized and destroyed. The meat and fish-shops and stalls in the market have been visited weekly by the inspector.

INDUSTRIES.

The chief industries are cotton spinning and manufactur- ing, boilermaking, calico printing, hat manufacturing, mar- garine making, indiarubber works, leather dressing, engineer- ing, and printing.

ADOPTIVE ACTS.

The Adoptive Acts in force in the Borough are :—Infec- tious Diseases (Notification) Act, Public Health Acts Amend- ment Act, 1890., Private Street Works Act, 1892, and Noti- fication of Births Act.

HOUSING AND TOWN PLANNING ACT.

The following tabular statement shows the number of houses inspected, notices served, and alterations and improve- ments made during the year :—

| | |
|---|-----|
| Number of houses inspected within the meaning of section | |
| 17 | 106 |
| Representations made to Local Authority | 5 |
| Number of Closing Orders made by the Local Authority | 5 |
| „ „ Houses where defects were remedied after Closing Orders were made | 16 |
| „ „ Houses where defects were remedied without Closing Orders being made | 5 |
| „ „ Demolished after Closing Orders made... .. | 0 |
| „ „ Closed after Closing Orders made | 0 |

Detailed statement of defects found in houses inspected, and in which action was taken under provisions of the Housing and Town Planning Act :—

3, Back Wrigley Street.—Sash windows put in pantry, and at top of stairs.

1, Lily Street, Gee Cross.—Ceiling ventilator put in large bedroom, also ventilators over fireplace and sink.

16, Edward Street.—Ceiling ventilator and ridge tile ventilator over staircase. Bulkhead removed from top of stairs.

1, Barrett Court.—Five extra windows put in.

2, Barrett Court.—Four extra windows put in.

23, Oldham Street.—Three extra windows put in.

26, Mottram Old Road.—Back door put in.

4, Shawcross Street.—Back door put in.

32 and 36, King Street.—Uncovered ashpit demolished, and ashbins provided.

143 to 149, Great Norbury Street.—Uncovered ashpit demolished, and ashbins provided.

13 to 15, Catherine Street.—Uncovered ashpit demolished, ashbins substituted, and additional water closets erected.

177 to 183, George Street, and 10, Catherine Street.—Uncovered ashpit demolished, ashbins substituted, and additional water closet erected.

173 and 175, George Street.—Ashpit demolished, ashbins substituted, and additional water closet erected.

The housing accommodation in the Borough is, generally speaking, good. The houses are brick built, self-contained, and all have a backyard and sanitary conveniences. Complaints have been received as to the insufficiency of houses with bath accommodation, within the limits of rent in sec. 14 of the Act of 1909. The shortage of houses of this class is probably well founded. 45 New houses have been certified fit for habitation during the year, 39 of which were within the limits of rent in sec. 14 of the Act of 1909.

During the year 386 ashpits have been demolished, and 880 ashbins substituted. 16 Pail closets have been converted to water closets, and 29 privies have been converted to pail closets.

REFUSE REMOVAL.

This work is carried out by a staff of men under the supervision of Mr. Miles, the Chief Sanitary Inspector, with horses and carts belonging to the Corporation.

The Inspector reports that 27,777 ashpits, 7,639 pails, and 82,621 ashbins, have been emptied during the year. 7,810 Loads of refuse have been taken to the destructor, being an increase of 572 loads, compared with 1913.

I am, Gentlemen,

Your Obedient Servant,

J. BENNETT.



Summary of Sanitary Work

During 1914.

ADOPTIVE ACTS.

The following Adoptive Acts are in force in the Borough : Infectious Diseases (Notification) Act, Public Health Acts Amendment Act, 1890, Notification of Births Act, and Public Street Works Act.

BYE-LAWS.

No new bye-laws were put in force during 1914.

MILK SUPPLY.

The number of registered cowsheds in the Borough is 45, and there are 18 milkshops. The cowsheds have been inspected 103 times, and the milkshops 48 times during the year. 23 Notices have been served for non-compliance with the regulations. No legal action was taken.

FOOD INSPECTION.

There are 24 private slaughter-houses in the Borough, to which 111 visits of inspection have been paid. There has also been a systematic inspection of meat shops, fish and tripe shops, and meat stalls in the market.

WATER SUPPLY.

470 Yards of 6in. main, 60 yards of 4in., and 125 yards of 3in. main, have been laid during the year. There have been no complaints of the action of lead, and no samples have been analysed during the year.

SEWERAGE AND SEWAGE DISPOSAL.

There are 20 miles, 3 furlongs, and 61 yards of public main sewers, and 12 miles, 3 furlongs, 52 yards of private street sewers in the Borough. The sewerage of the Hallbottom district of Newton, which hitherto has been destitute of a proper system of sewerage, it at present being proceeded with. The

sewage is treated on the bacteriological system, with the Candy-Whittaker automatic filter. There have been no complaints at the outfall works, and no alterations or extensions have taken place during the year.

SCAVENGING.

Scavenging of the streets is under the direction of the Borough Surveyor. Ashpits, bins, privies, etc., is under the Sanitary Department. The approximate number of midden privies in the district is 104, dry ashpits 1913, pail closets 111, ashbins 3,242, and cesspools 16. The pail closets and ashbins are emptied weekly, the dry ashpits and midden privies monthly, or oftener if required.

HOUSING.

45 New houses have been certified fit for habitation during the year. 106 Dwelling-houses have been inspected under sec. 17 of the Act of 1909, 6 of which were considered unfit for habitation. The estimated number of houses within the limits of rent in sec. 14 of the Act of 1909 is 7,494. 355 Notices have been served in respect of these houses in 1914.

PREVENTION OF CONSUMPTION.

After each case is notified the Health Visitor inspects the house, and gives advice as to methods of preventing the spread of infection. Disinfection is carried out, and disinfectants and paper handkerchiefs are supplied by the Corporation.

MIDWIVES' ACT (1902) ADMINISTRATION.

There have been twenty-four names of Midwives practising in the Borough, on the register during 1914. According to the midwives' case books 646 cases have been attended by them during the year. In 123 cases medical help was received, and 27 still-births were notified. Two cases of puerperal fever were notified, occurring in the practices of different midwives. The midwives were directed to cease practising, and were sent to the hospital, with clothes, bag, and appliances, and were there disinfected. This routine has been followed since the Midwives' Act came in force, and no case has been found after disinfection which could be traced to a previously notified case.

1.—INSPECTION OF FACTORIES, WORKSHOPS AND WORKPLACES.

Including Inspections made by Sanitary Inspectors or Inspectors of Nuisances.

| PREMISES. | NUMBER OF | | |
|---|--------------|------------------|---------------|
| | Inspections. | Written Notices. | Prosecutions. |
| Factories (including Factory Laundries) | 12 | 5 | ... |
| Workshops (including Workshop Laundries) | 192 | 20 | ... |
| Workplaces (other than Outworkers' premises included in Part 3 of this Report) | 22 | ... | ... |
| Total | 226 | 25 | ... |

2.—DEFECTS FOUND IN FACTORIES, WORKSHOPS AND WORKPLACES.

| PARTICULARS. | NUMBER OF DEFECTS. | | | Number of Prosecutions. |
|---|--------------------|-----------|-----------------------------|-------------------------|
| | Found. | Remedied. | Referred to H.M. Inspector. | |
| Nuisances under the Public Health Acts :— | | | | |
| Want of cleanliness | ... | ... | ... | ... |
| Want of ventilation | 3 | 3 | ... | ... |
| Overcrowding | ... | ... | ... | ... |
| Want of drainage of floors | ... | ... | ... | ... |
| Other nuisances | 6 | 6 | ... | ... |
| Sanitary accommodation { | ... | ... | ... | ... |
| | ... | ... | ... | ... |
| | ... | ... | ... | ... |
| | 2 | 1 | ... | ... |
| Offences under the Factory and Workshop Acts :— | | | | |
| Illegal occupation of underground bakehouse (s. 101) | ... | ... | ... | ... |
| Breach of special sanitary requirements for bakehouses (ss. 97 to 100) | 8 | 8 | ... | ... |
| Other offences | ... | ... | ... | ... |
| (Excluding offences relating to outwork which are included in Part 3 of this Report) | ... | ... | ... | ... |
| Total | 19 | 18 | ... | ... |

3.—H O M E W O R K.

| NATURE OF WORK. | OUTWORKERS' LISTS, SECTION 107. | | | | | | | | | | OUTWORK IN UN- WHOLESOME PREMISES, SECTION 108. | | | OUTWORK IN INFECTED PREMISES, SECTIONS, 109, 110. | | |
|--|--------------------------------------|---------------------------------|--------------------------------|---------------------------------|-------------------------------|---|--|-------------------------------|---------------------------------|-------------------------------|---|---------------------------------|---------------------------------|---|---------------|--|
| | Lists received from Employers. | | | | | Notices Served on Occupiers as to keeping or sending lists. | Prosecutions. | | Instances. | Instances served. | Prosecutions. | Instances. | Orders made (S. 110). | Prosecutions (Sections 109, 110). | | |
| | Sending twice in the year. | | Sending once in the year. | | | | Failing to keep or permit inspec- tion of lists. | Failing to send lists. | | | | | | | | |
| | Lists. | Outworkers. | | Lists. | Outworkers. | | | | | | | | | | | |
| | | Con- tractors | Work- men. | | Con- tractors | | | | | | | | | | Work- men. | |
| Wearing Apparel— (1) Making, etc. ... (2) Cleaning and Washing Furniture and Upholstery Umbrellas Paper Bags and Boxes Brushmaking Total | 3 | | 39 | | 8 | 3 | 26 | 1 | | 1 | | | | | | |

4.—REGISTERED WORKSHOPS.

| WORKSHOPS ON THE REGISTER (S. 131) AT THE END OF THE YEAR. | Number. |
|---|---------|
| Baking | 63 |
| Tailoring | 6 |
| Milliners | 7 |
| Knitting | 2 |
| Tripe Dressing | 7 |
| Cabinet Makers, etc. | 21 |
| Skip Makers | 2 |
| Boots and Clogs | 35 |
| Ice-Cream | 2 |
| Shirt Making | 1 |
| Watch Repairers | 4 |
| Blind Making | 1 |
| Others | 10 |
| Total number of workshops on Register | 192 |

5.—OTHER MATTERS.

| C L A S S . | Number. |
|--|---------|
| Matters notified to H.M. Inspector of Factories :— | |
| Failure to affix Abstract of the Factory and Workshop Act (s. 133, 1901) | 6 |
| Action taken in matters referred by H.M. Inspector as remediable under the Public Health Acts, but not under the Factory and Workshop Act (s. 5, 1901) { | ... |
| Notified by H.M. Inspector | ... |
| Reports (of action taken) sent to H.M. Inspector. | 6 |
| Other | ... |
| Underground Bakehouses (s. 101) :— | |
| In use at the end of the year | 2 |

Tabular Statement of Inspector of Nuisances for the Year ended December 31st, 1914.

Hyde District.

| Number and Nature of Inspections Made. | No. | No. of Notices served. | | Result of Service of Notices. | | | |
|--|------|------------------------|-----------|-------------------------------|----------------------|---------------------------|-------------------------|
| | | Statutory | Informal. | Notices complied with. | Remain- ing in hand. | Prosecu- tions instituted | Prosecu- tions pending. |
| Dwelling Houses (General Inspections) | 1794 | 355 | ... | 258 | 97 | ... | ... |
| Back-to-Back Houses | 170 | 7 | ... | 7 | ... | ... | ... |
| Tents, Vans, Sheds, &c. | 17 | ... | 2 | 2 | ... | ... | ... |
| Courts, Yards, Passages | 503 | ... | 45 | 45 | ... | ... | ... |
| Privy Middens, Earth or Pail Closets | 55 | 17 | 1 | 16 | 2 | ... | ... |
| Cesspools | 5 | ... | ... | ... | ... | ... | ... |
| House Drainage | 280 | 103 | ... | 103 | ... | ... | ... |
| Ditches, Watercourses, etc. | 10 | 2 | ... | 1 | 1 | ... | ... |
| Offensive Accumulations | 59 | 5 | 32 | 5 | 32 | ... | ... |
| The Keeping of Animals (P.H.A., 1875, S. 91 (3)) ... | 16 | 11 | ... | 11 | ... | ... | ... |
| Offensive Trades | 11 | ... | ... | ... | ... | ... | ... |
| Slaughterhouses (Private) | 111 | ... | ... | ... | ... | ... | ... |
| Other Places where Food is Produced or Sold ... | 691 | ... | ... | ... | ... | ... | ... |
| Piggeries | 11 | ... | ... | ... | ... | ... | ... |
| Dairies | 103 | ... | ... | ... | ... | ... | ... |
| Cowsheds | 103 | 23 | ... | 19 | 4 | ... | ... |
| Milkshops | 48 | ... | 5 | 5 | ... | ... | ... |
| Factories | 23 | 5 | ... | 5 | ... | ... | ... |
| Workshops | 85 | 20 | ... | 20 | ... | ... | ... |
| Workplaces | 22 | 1 | ... | 1 | ... | ... | ... |
| Outworkers' Premises | 98 | ... | 4 | 4 | ... | ... | ... |
| Bakehouses (Overground) | 73 | ... | 8 | 8 | ... | ... | ... |
| " (Underground) | 2 | ... | ... | ... | ... | ... | ... |
| Common Lodging Houses | 3 | ... | 1 | 1 | ... | ... | ... |
| Houses let in Lodgings | 2 | ... | 1 | 1 | ... | ... | ... |
| Smoke Observations | 1 | ... | 1 | 1 | ... | ... | ... |
| Infectious Disease Inquiries and Revisits | 690 | ... | ... | ... | ... | ... | ... |
| Miscellaneous | 76 | ... | 523 | 523 | ... | ... | ... |
| | | 4 | 4 | 4 | ... | ... | ... |
| Totals | 5062 | 549 | 627 | 1040 | 136 | ... | ... |

SUMMARY OF STATISTICS FROM THE ANNUAL REPORT FOR 1914.

| | |
|--|--------|
| Area of the Borough in Acres | 3,072 |
| Population at Census of 1911... .. | 33,444 |
| Population at end of June, 1914 | 34,084 |
| Density of population per acre... .. | 11·09 |
| Average Number of Persons per House at Census 1911 | 4·17 |
| Registered number of Births in 1914 | 694 |
| (A decrease of 32 in 1913.) | |
| Registered number of Births in 1914 | 525 |
| (A decrease of 32 on 1913.) | |
| Excess of Births over Deaths | 169 |
| Deaths under One Year of Age | 85 |
| Infant Mortality per 1,000 Births | 122·5 |
| Cases of Infectious Diseases Notified | 639 |
| Deaths from Zymotic Diseases—Scarlet Fever | 12 |
| Enteric Fever | 2 |
| Measles | 3 |
| Whooping Cough | 2 |
| Diarrhoea... .. | 8 |
| Diphtheria | 4 |
| | — 31 |
| Zymotic Death Rate... .. | ·90 |
| Cases treated in Hospital belonging to the Borough... .. | 458 |
| Cases treated in Hospital belonging to Outside Districts | 106 |
| Deaths in Hospital | 19 |

TABLE I.
Vital Statistics of Whole District during 1914 and previous years.
 Hyde Borough.

| Year. | Population estimated to middle of each Year. | Births. | | | Total Deaths Registered in the District. | | Transferable Deaths | | Nett Deaths belonging to the District | | | |
|-------|--|---------------------------|-------|-------|--|-------|---|---|---------------------------------------|-------------------------------------|--------------|-------|
| | | Un- correct- ed No. | Nett. | | No. | Rate | Of Non- residents registered in the District. | Of Residents not registered in the District. | Under 1 yr. of age | | At all Ages. | |
| | | | No. | Rate. | | | | | No. | Rate per 1,000 Nett Births | | |
| | | | | | | | | | | | | |
| 1909 | 34669 | 721 | ... | 20.79 | 490 | 14.13 | 18 | 35 | 106 | 147.02 | 507 | 14.62 |
| 1910 | 34833 | 723 | ... | 20.75 | 480 | 13.77 | 3 | 33 | 102 | 141.08 | 510 | 14.64 |
| 1911 | 33497 | 744 | 753 | 22.48 | 561 | 16.74 | 3 | 74 | 143 | 189.9 | 632 | 18.8 |
| 1912 | 33728 | 770 | 773 | 22.91 | 442 | 13.10 | 9 | 92 | 87 | 112.5 | 525 | 15.57 |
| 1913 | 33922 | 722 | 726 | 21.40 | 442 | 13.03 | 8 | 88 | 110 | 152.3 | 522 | 15.38 |
| 1914 | 34084 | 689 | 694 | 20.36 | 452 | 13.26 | 11 | 84 | 85 | 122.5 | 525 | 15.40 |

Area of District in Acres (land and inland water) 3,072

Total population at all ages... .. 33,497

Number of inhabited houses

Average number of persons per house

At Census of 1911.

TABLE II.
Cases of Infectious Disease notified during the year 1914.
Hyde Borough.

| Notifiable Disease. | Number of Cases Notified. | | | | | | | | Total Cases Notified in each locality. | | | Total Cases removed to hospital. |
|--|---------------------------|---------------|---------|----------|-----------|-----------|-----------|-----------------|--|---------|---------|----------------------------------|
| | At all Ages. | Under 1 year. | 1 to 5. | 5 to 15. | 15 to 25. | 25 to 45. | 45 to 65. | 65 and upwards. | Hyde. | Newton. | Godley. | |
| Diphtheria (including Membranous Croup) | 23 | ... | 7 | 10 | 4 | 2 | ... | ... | 17 | 6 | ... | 7 |
| Erysipelas | 66 | 1 | 2 | 3 | 8 | 15 | 30 | 7 | 48 | 16 | 2 | ... |
| Scarlet Fever | 471 | 2 | 110 | 316 | 31 | 12 | ... | ... | 315 | 143 | 13 | 445 |
| Enteric Fever | 8 | ... | ... | 3 | 1 | 3 | 1 | ... | 5 | 3 | ... | 6 |
| Puerperal Fever | 2 | ... | ... | ... | ... | 2 | ... | ... | 2 | ... | ... | ... |
| Pulmonary Tuberculosis... .. | 56 | ... | ... | 3 | 15 | 20 | 16 | 2 | 47 | 8 | 1 | ... |
| Other forms of Tuberculosis | 13 | 1 | 3 | 4 | 2 | 2 | 1 | ... | 13 | ... | ... | ... |
| Totals... .. | 639 | 4 | 122 | 339 | 61 | 56 | 48 | 9 | 447 | 176 | 16 | 458 |

Isolation Hospitals : Hyde Fever Hospital and Hyde Smallpox Hospital, situated in the Borough.

TABLE III.

Causes of, and Ages at, Death during the year 1913.

Hyde Borough.

| Causes of Death. | Net Deaths at the subjoined Ages of "Residents" whether occurring within or without the District. | | | | | | | | | | Deaths in Public Institutions in District. |
|---|---|--------------|---------------|---------------|----------------|-----------------|-----------------|------------------|------------------|-----|--|
| | All Ages | Under 1 year | 1 and under 2 | 2 and under 5 | 5 and under 15 | 15 and under 25 | 25 and under 45 | 45 and under 65. | 65 and up-wards. | | |
| | | | | | | | | | | | |
| All Causes—Certified | 525 | 85 | 22 | 17 | 20 | 24 | 78 | 122 | 157 | 19 | |
| Enteric Fever | 2 | ... | ... | ... | ... | .. | 1 | 1 | ... | 2 | |
| Smallpox... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Measles | 3 | 1 | 1 | 1 | ... | ... | ... | ... | ... | ... | |
| Scarlet Fever | 12 | ... | 1 | 5 | 4 | 1 | 1 | ... | ... | 16 | |
| Whooping Cough | 2 | 2 | .. | ... | ... | ... | ... | ... | ... | ... | |
| Diphtheria and Croup | 4 | ... | ... | 2 | 2 | ... | ... | ... | ... | 1 | |
| Influenza | 5 | ... | ... | ... | ... | 1 | 2 | 2 | ... | ... | |
| Erysipelas | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Phthisis (Pulmonary Tuberculosis) | 42 | ... | ... | ... | ... | 12 | 12 | 17 | 1 | ... | |
| Tuberculous Meningitis | 6 | 3 | 1 | 1 | ... | 1 | ... | ... | ... | ... | |
| Other Tuberculous Diseases | 9 | 1 | ... | 1 | 3 | 1 | 3 | ... | ... | ... | |
| Cancer, malignant disease... | 36 | ... | ... | ... | ... | ... | 5 | 16 | 15 | ... | |
| Rheumatic Fever | 1 | ... | ... | ... | 1 | ... | ... | ... | ... | ... | |
| Meningitis | 12 | 3 | 3 | 2 | 1 | 2 | 1 | ... | ... | ... | |
| Organic Heart Disease | 51 | ... | ... | ... | 2 | 3 | 7 | 24 | 15 | ... | |
| Bronchitis | 46 | 8 | 2 | ... | ... | ... | 8 | 4 | 24 | ... | |
| Pneumonia (all forms) | 41 | 4 | 8 | 2 | ... | 2 | 6 | 9 | 10 | ... | |
| Other diseases of respiratory organs | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Diarrhoea and Enteritis | 8 | 7 | 1 | ... | ... | ... | ... | ... | ... | ... | |
| Appendicitis and Typhlitis | 1 | ... | ... | ... | ... | ... | 1 | ... | ... | ... | |
| Cirrhosis of Liver | 2 | ... | ... | ... | ... | ... | ... | 1 | 1 | ... | |
| Alcoholism | 2 | ... | ... | ... | ... | ... | ... | 2 | ... | ... | |
| Nephritis and Bright's Disease... | 14 | 1 | ... | ... | 1 | ... | 3 | 5 | 4 | ... | |
| Puerperal Fever... | 1 | ... | ... | ... | ... | ... | 1 | ... | ... | ... | |
| Other accidents and diseases of Pregnancy and Parturition | 6 | ... | ... | ... | ... | ... | 6 | ... | ... | ... | |
| Congenital Debility and Malformation, including Premature Birth | 37 | 36 | 1 | ... | ... | ... | ... | ... | ... | ... | |
| Violent Deaths, excluding Suicide | 23 | 3 | 1 | 1 | 4 | ... | 6 | 4 | 4 | ... | |
| Suicide | 1 | ... | ... | ... | ... | ... | ... | ... | 1 | ... | |
| Other Defined Diseases | 102 | 16 | 3 | 2 | 2 | 1 | 15 | 36 | 27 | ... | |
| Diseases ill-defined or unknown | 55 | ... | ... | ... | ... | ... | ... | 1 | 54 | ... | |
| | 525 | 85 | 22 | 17 | 20 | 24 | 78 | 122 | 157 | 19 | |

TABLE IV.

INFANT MORTALITY.

Hyde Borough.

1914. Nett Deaths from stated causes at various Ages under 1 Year of Age.

| Causes of Death. | Under 1 Week. | 1-2 Weeks. | 2-3 Weeks. | 3-4 Weeks. | Total under 4 Weeks. | 4 Weeks and under 3 Months. | 3-6 Months. | 6-9 Months. | 9-12 Months. | Total Deaths under 1 Year. |
|----------------------------------|---------------|------------|------------|------------|----------------------|-----------------------------|-------------|-------------|--------------|----------------------------|
| All Causes.—Certified | 11 | 8 | 3 | 3 | 25 | 15 | 22 | 15 | 8 | 85 |
| Measles | ... | ... | ... | 1 | 1 | ... | ... | ... | ... | 1 |
| Scarlet Fever... .. | ... | ... | ... | ... | ... | ... | ... | ... | ... | 2 |
| Whooping-Cough | ... | ... | ... | ... | ... | 2 | ... | ... | ... | ... |
| Tuberculous Meningitis.. ... | ... | ... | ... | ... | ... | ... | 1 | 1 | 1 | 3 |
| Other Tuberculous Diseases ... | ... | ... | ... | ... | ... | ... | ... | 1 | ... | 1 |
| Meningitis (not Tuberculous) ... | ... | ... | ... | ... | ... | ... | 3 | 1 | 1 | 5 |
| Convulsions | ... | 3 | ... | ... | 3 | 2 | 2 | 2 | ... | 9 |
| Bronchitis | ... | ... | ... | ... | ... | 1 | 4 | 1 | 2 | 8 |
| Pneumonia (all forms) | ... | ... | ... | ... | ... | ... | ... | 1 | 2 | 3 |
| Diarrhoea | ... | 1 | ... | ... | 1 | ... | 2 | 3 | ... | 6 |
| Gastritis | ... | ... | ... | ... | ... | ... | 1 | ... | ... | 1 |
| Suffocation, overlying | ... | ... | ... | ... | ... | 1 | ... | ... | ... | 1 |
| Congenital Malformations (c) ... | 1 | ... | 1 | 1 | 3 | ... | ... | ... | ... | 3 |
| Premature birth | 7 | 3 | ... | 1 | 11 | 1 | ... | ... | ... | 12 |
| Atrophy, Debility, & Marasmus | 2 | 1 | 2 | ... | 5 | 8 | 6 | 3 | 1 | 23 |
| Other Causes... .. | 1 | ... | ... | ... | 1 | ... | 3 | 2 | 1 | 7 |
| Total | 11 | 8 | 3 | 3 | 25 | 15 | 22 | 15 | 8 | 85 |

Nett Births in the year : Legitimate 665, Illegitimate 29.

Nett Deaths in the year of Infants 85.

TABLE V.

Giving particulars of hospital cases which ended Fatally with the time each was under treatment in the Institution.

| INITIALS | AGE. | SEX. | DISEASE | DISTRICT. | TIME IN HOSPITAL— DAYS. |
|----------|------|------|---------------|-------------|----------------------------|
| H.C. | 7 | M. | Scarlet Fever | Hyde. | 20 |
| E.L. | 3 | F. | " | Hyde. | 13 |
| E.A. | 9 | F. | " | Denton. | 13 |
| M.L. | 7 | F. | " | Dukinfield. | 2 |
| V.F. | 2 | F. | " | Denton. | 20 |
| E.E. | 3 | F. | " | Denton. | 3 |
| E.H. | 42 | F. | " | Droylsden. | 8 |
| F.E. | 1½ | F. | Enteric Fever | Denton. | 12 |
| M.H. | 6 | F. | Scarlet Fever | Denton. | 16 |
| A.A.B. | 38 | F. | " | Hyde. | 3 |
| N.D. | 2 | M. | " | Hyde. | 19 |
| N.H. | 13½ | F. | " | Compstall. | 10 |
| H.A. | 17 | M. | Diphtheria. | Dukinfield. | 2 |
| J.C. | 4 | F. | Scarlet Fever | Hyde. | 12 |
| A.N. | 53 | F. | " | Hyde. | 4 |
| G.H. | 4 | M. | Enteric Fever | Hyde. | 1 |
| A.W. | 1 | F. | Scarlet Fever | Hyde. | 16 |
| J.R. | 15 | F. | " | Hyde. | 24 |
| A.T. | 5 | F. | " | Hyde. | 6 |

July